3	High speed high data interconnect apparatus includes a
4	stiffening plate with optical fiber mounting groove defined
5	on a surface thereof. The apparatus further includes a
6	length of optical fiber mounted in the groove on the surface
7	of the stiffening plate in a longitudinally extending
8	direction generally parallel to the surface of the
9	stiffening plate. A reflecting surface is positioned
10	adjacent one, or both, of the opposed ends of the optical
11	fiber to direct light at an angle of approximately ninety
12	degrees to the optical path. A printed circuit board
13	laminate is used to encase the stiffening plate and the
14	optical fiber and includes a light via for the passage of
15	light reflected by the reflecting surface. Bond pads are
16	formed on a surface of the printed circuit board laminate
17	adjacent the light via for the electrical connection of a
18	light element, e.g. a VCSEL or photodiode, in communication
19	with the light via.